

Product datasheet for MG201449

Taf9 (BC019453) Mouse Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

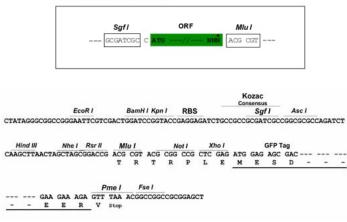
Product Type:	Expression Plasmids
Product Name:	Taf9 (BC019453) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Taf9
Synonyms:	2810046E22Rik; 4921516M08Rik; AK/ATPase
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	<pre>>MG201449 representing BC019453 Red=Cloning site Blue=ORF Green=Tags(s)</pre>
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGAAGCTTCCGAATATCCTGCTCACCGGTACACCAGGGGTTGGAAAAACCACACTAGGCAAAGAACTTG CATCAAGATCAGGCCTGAAGTACGTTAACGTGGGAGATCTAGCTCGAGAAGGGCAGTTATACGACGGCTA CGATGAGGAGTATGGCTGTCCCATTCTAGATGAGGATAGGGTTGTCGATGAGTTAGAGCATCAGATGCAG GAGGGCGGTGTGATTGTGGATTACCACGGCTGTGACTTCTTCCCCGAACGCTGGTTTCATATAGTGTTTG TGTTGAGAACAGATAATGGTGTATTGTAT
	ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA
Protein Sequence:	>MG201449 representing BC019453 Red=Cloning site Green=Tags(s)
	MKLPNILLTGTPGVGKTTLGKELASRSGLKYVNVGDLAREGQLYDGYDEEYGCPILDEDRVVDELEHQMQ EGGVIVDYHGCDFFPERWFHIVFVLRTDNGVLYKRLETRGYNEKKLQDNIQCEIFQVLYEEAIASYKEEI VHQLPSNEPEQLEDNINQISKWIEQWVKDHNP
	TRTRPLE - GFP Tag - V
Restriction Sites:	Sgfl-Mlul



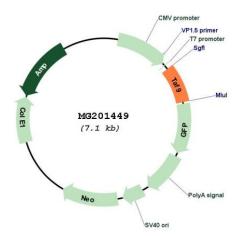
This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Cloning Scheme:





Plasmid Map:



ACCN:	BC019453
ORF Size:	518 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

ORIGENE Taf9 (BC019453) Mouse Tagged ORF Clone - MG201449	
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>BC019453</u> , <u>AAH19453</u>
RefSeq Size:	907 bp
RefSeq ORF:	518 bp
Locus ID:	108143
Cytogenetics:	13 D1
Gene Summary:	Essential for cell viability. TAF9 and TAF9B are involved in transcriptional activation as well as repression of distinct but overlapping sets of genes. May have a role in gene regulation associated with apoptosis. TAFs are components of the transcription factor IID (TFIID) complex, the TBP-free TAFII complex (TFTC), the PCAF histone acetylase complex and the STAGA transcription coactivator-HAT complex. TFIID or TFTC are essential for the regulation of RNA polymerase II-mediated transcription (By similarity).[UniProtKB/Swiss-Prot Function]

~ \$%~

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US